

**ANNOTATIONS of scientific articles published in international magazine  
«River transport (XXIst century)» № 2 (73)' 2015**

**The analysis of functional principles of international registers of ships / K. Stolpovitskiy, V. Mineev, S. Mitroshin, A. Solovyev// River transport (XXIst century).2015 – № 2 (73). – p. 16-21.**

Researches main features of affiliation with international registers of ships in different countries.

**Key words:** International register of ships, privileges and preferences, state support.

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**The place and the role of river companies in regional transport system / V. Nikiforov, D. Kemaykina, A. Kravchuk, K. Krechetova // River transport (XXIst century).2015 – № 2 (73). – p. 22-25.**

Analyses the place and the role of river companies in transport system of West Siberian region in borders of Ob-Irtysh basin.

**Key words:** river basin, transport system, rational scheme of transportations.

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**The substantiation of implementation of mobile power module with swing-out column / Z. Kagan // River transport (XXIst century).2015 – № 2 (73). – p. 36-39.**

Describes main advantages of power module with swing-out column; gives recommendations to its implementation on water transport. Offers the method of technical and economic calculations to choose vessel's power, propulsion and steering complexes.

**Key words:** ship, vessel's power, propulsion and steering complexes, technical and economic calculation.

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**The optical method of control deformations of lock's gates / V. Volkhonov// River transport (XXIst century).2015 – № 2 (73). – p. 39-40.**

Describes the optical method to control deformations of lock's gates. Gives recommendations to its using.

**Key words:** optical method, deformation control, lock's gates

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**The analysis of effectiveness of the technology «dry port» (on the example of «Big port «Saint-Petersburg»»)/ D. Zhilyaev, A. Esenov// River transport (XXIst century).2015 – № 2 (73). – p. 41-43.**

Describes practical aspects of the technology «dry port» (on the example of «Big port «Saint-Petersburg»»), researches economic effectiveness of its using. Offers the ways to increase demand for the product created by this technology.

**Key words:** «dry port», technology, container terminals, competitive advantages, storage of containers.

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**About subsystem of strategic management accounting in accounting and analytical loop of shipping companies. / V. Kraynova // River transport (XXIst century). 2015 – № 2 (73). – p. 44-50.**

Substantiates necessity to select and develop subsystem of strategic management accounting, based on balanced parameters, in accounting and analytical loop of shipping companies. Describes created methodical provision to use the system of balanced parameters as the instrument to realize transport organization's strategy.

**Key words:** strategic management accounting, external environment, financial and non-financial indicators, strategic guidelines, balanced scorecard, inland water transport.

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**The principles of teaching integrative grammar of foreign language to students of water transport universities. / O. Koval // River transport (XXIst century).2015 – № 2 (73). – p. 50-53.**

Considers the aspects of teaching integrative grammar to students of electro-mechanical faculty with the help of the method «REE» (researching, explanation, expression). Describes the features of its using and substantiates the implementation. Analyses the results of experimental lessons.

**Key words:** integrative grammar, the method «REE» (researching, explanation, expression).

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**The quasi-communicative module of complex of exercise to form foreign language communicative competence for future engineers of sea and river fleet. / O. Solovyeva, E. Sedova // River transport (XXIst century).2015 – № 2 (73). – p. 53-56.**

Describes the quasi-communicative module of complex of exercises (which trains to use language material in situations simulating natural communication) to form foreign language communicative competence for future engineers of water transport.

**Key words:** professional communication, specialist of water transport, quasi-communicative exercises.

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**About using of aerial refrigerating machines on ships of river and sea fleet / V. Kalekin // River transport (XXIst century).2015 – № 2 (73). – p. 56-59.**

Considers the results of theoretical and experimental research of piston detanders and detander-compressive machine. Describes the substantiation of its using on vessel's refrigerating plant.

**Key words:** refrigerating machine, piston detander, automatic valves, improvement.

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**About features of regulatory framework in the field of providing safety of mooring facilities / Y. Bik, O. Pridanova // River transport (XXIst century).2015 – № 2 (73). – p. 59-60.**

Makes analysis of the structure of actual regulatory framework in the field of providing safety of berths and port's mooring facilities.

**Key words:** berths and port's mooring facilities, safety, declaration of conformity, regulatory framework.

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**The analytical method of solving integral equation of weakening function above smooth spherical homogeneous surface / A. Denisova, O. Solyakov // River transport (XXIst century).2015 – № 2 (73). – p. 60-63.**

Describes the analytical method of solving integral equation of weakening function above smooth spherical homogeneous surface for the purpose to predict navigational field on inland water ways.

**Key words:** analytical method, integral equation, weakening function, navigational field, inland water ways.

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